

# 2016 RTP/SCS, Local Input, and Scenario Planning Model (SPM)

Presentation to SPM Working Group

June 12, 2013



## Outline

- A 2016 RTP/SCS Development
- B SCS Scenario Planning
- C RTP/SCS Scenario Analysis
- D SPM Methodology
- E Level of Geography

## 2016 RTP/SCS Development

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## 2016-2040 RTP/SCS Preliminary Timeline as of January 2013



## Bottom-up Local Input Process for 2016-2040 RTP/SCS and Growth Forecast Development

CEHD Committee approved the following revised actions on June 6:

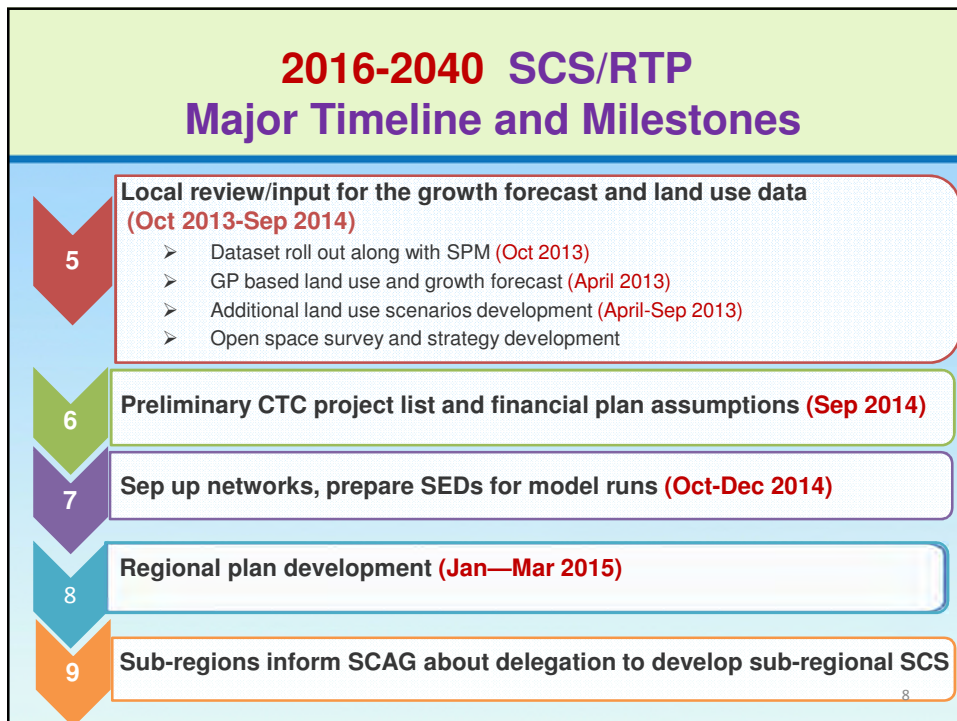
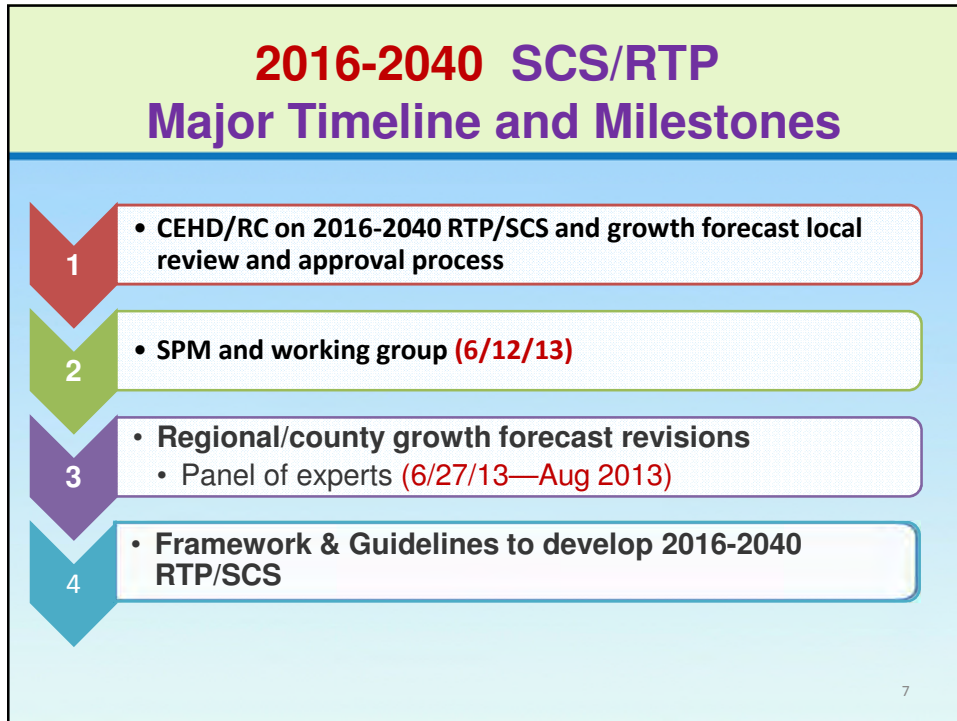
- ❑ Recommend **Regional Council's** approval that jurisdictions' *City Manager, County Administrator, Sub-regional Executive Director* (in the case where a sub-regional organization is submitting the input on behalf of its member jurisdictions), or their respective designee provide approval on growth forecast and land use data. While not required as a method of submittal of information, SCAG jurisdictions may voluntarily choose to utilize the optional **Data Verification** and **Approval Form**. If another transmittal method of information is utilized, it should include the signature of the official designee.

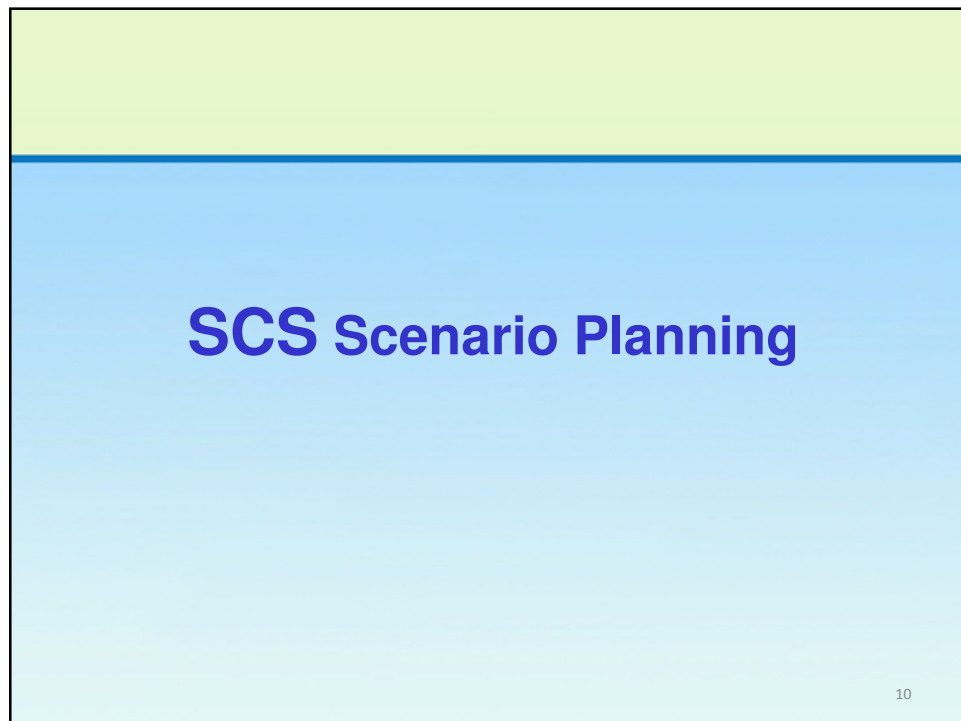
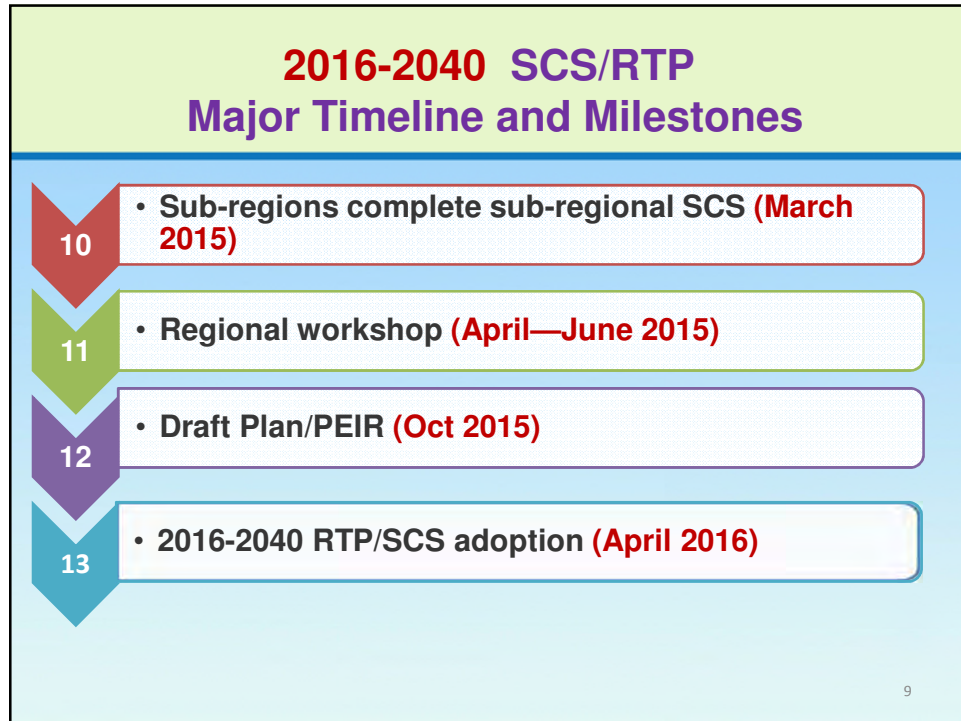
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## Bottom-up Local Input Process for 2016-2040 RTP/SCS and Growth Forecast Development

- ❑ Recommend **Regional Council's** approval that local jurisdictions may also choose to adopt, while optional, a resolution designating a position representing the jurisdiction's input on the growth forecast and land use data for the **2016-2040 RTP/SCS**. A sample of the optional resolution is provided. Other options for the designation may include formal action by the jurisdiction, the transmittal of a letter to SCAG, or meeting minutes.

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## SCS Scenario Development Overview

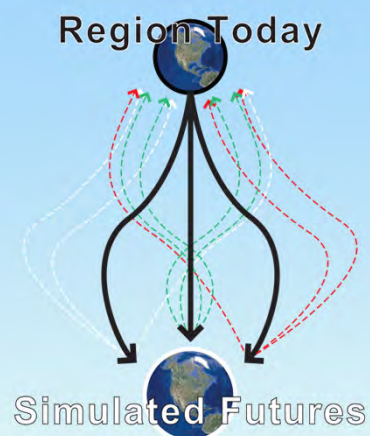
- ☐ Land Use Pattern
  - Uses, Densities, Intensities and Locations for Growth
- ☐ Transportation Investment and Policy
- ☐ Variation and Visualization
- ☐ GHG Reduction / Multiple Benefit
- ☐ Subregional SCS Option
- ☐ CEQA Streamlining



Group Discussion

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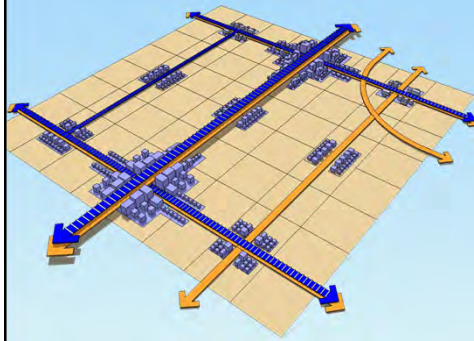
## Scenarios for Southern California



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## Scenarios explore transportation and land development questions...



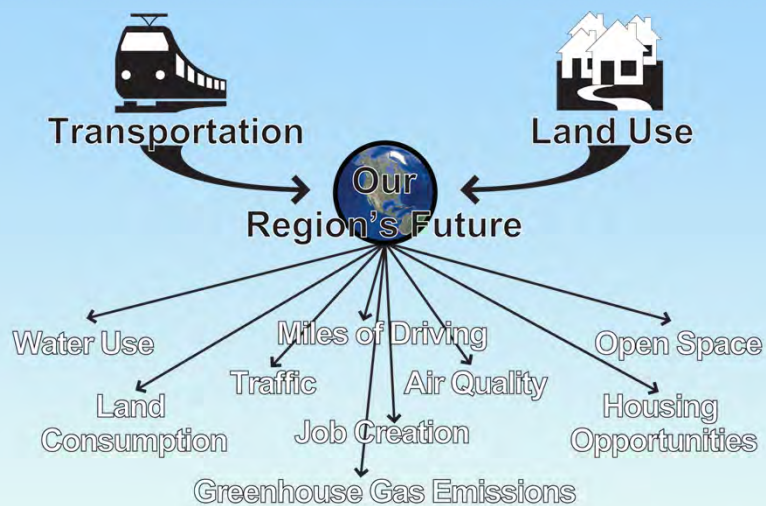
Should we grow up or out?

What type of homes should we build?

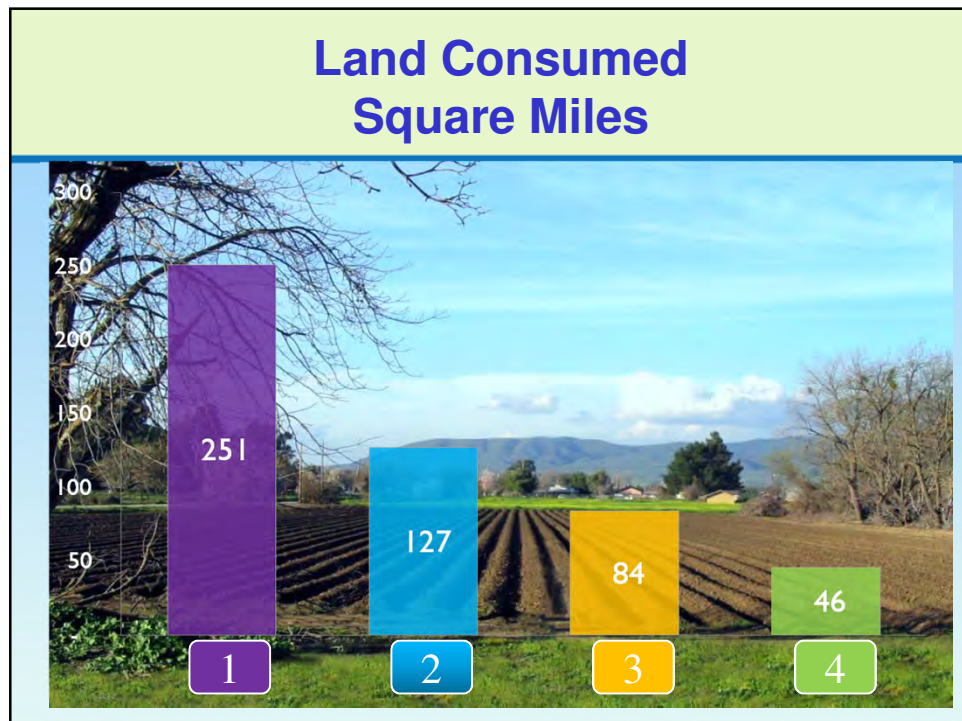
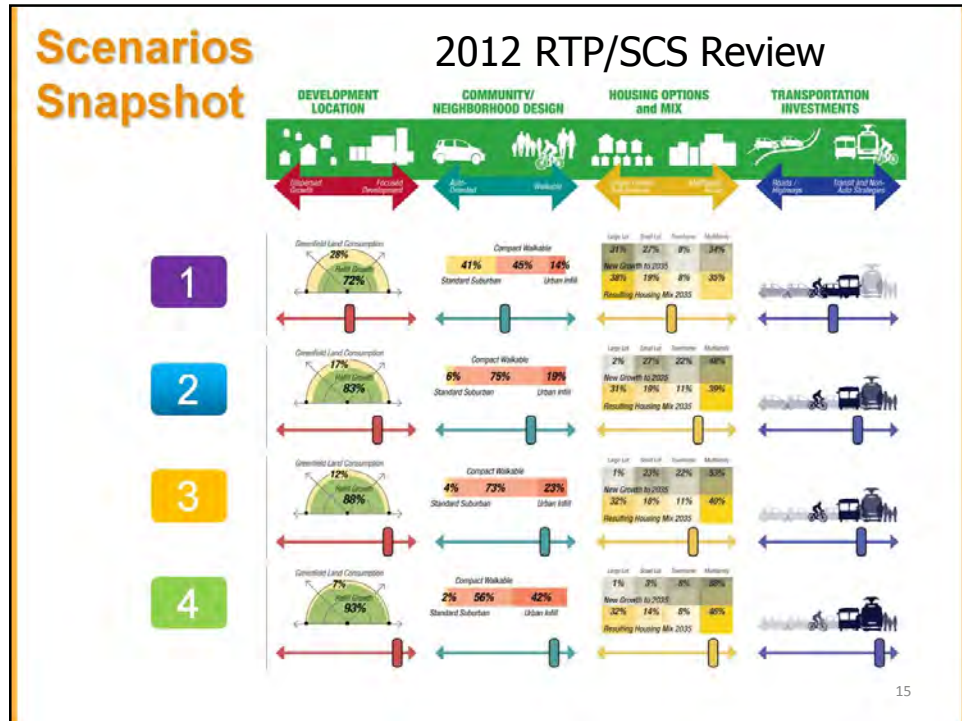
Invest more in roads or public transportation?

Bedroom communities, job centers, a balance?

## ...to understand how different futures might shape our lives, economy, and environment



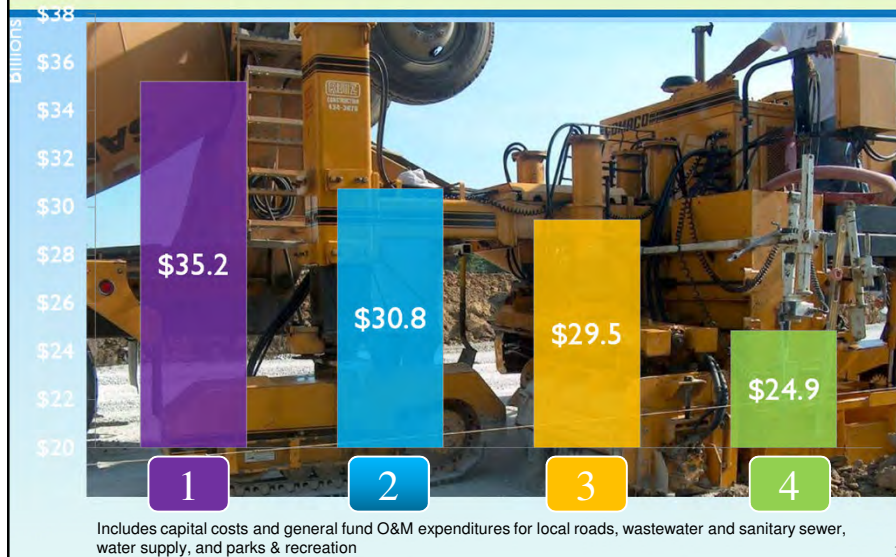
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## Local Infrastructure Costs

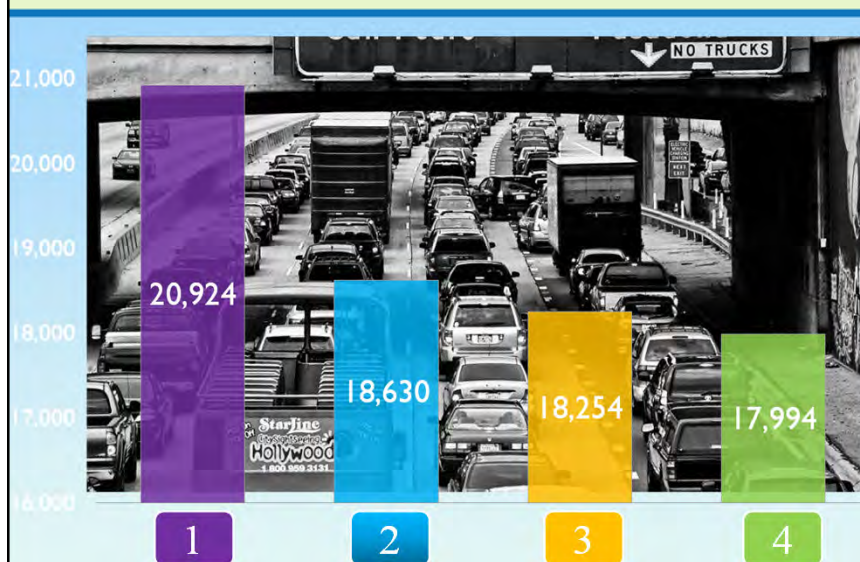
Capital & Operations & Maintenance Costs for New Growth, 2008-2035



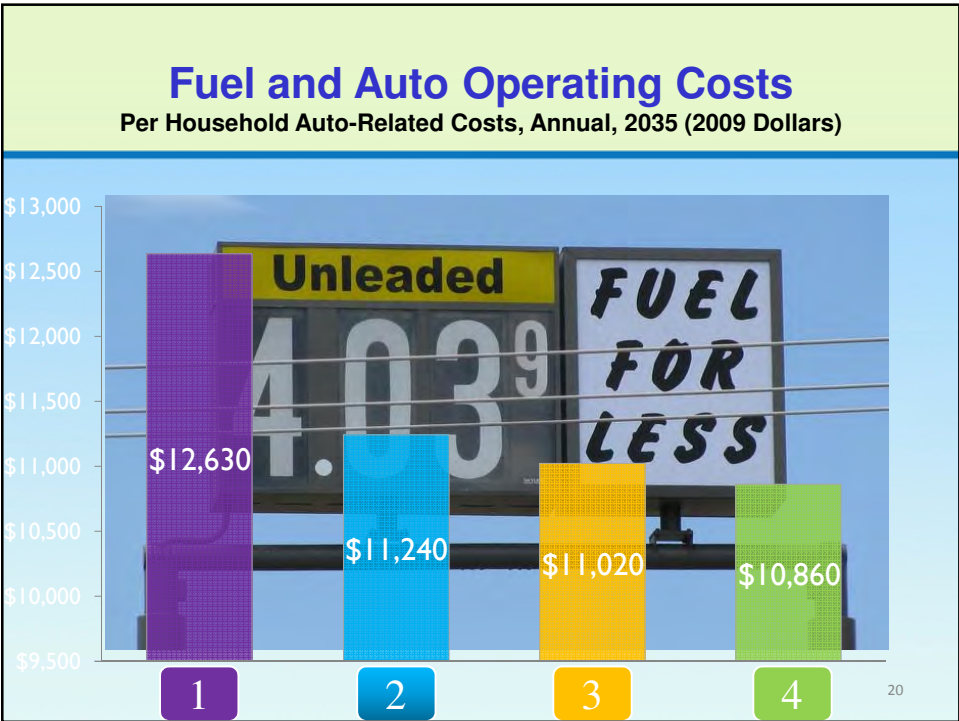
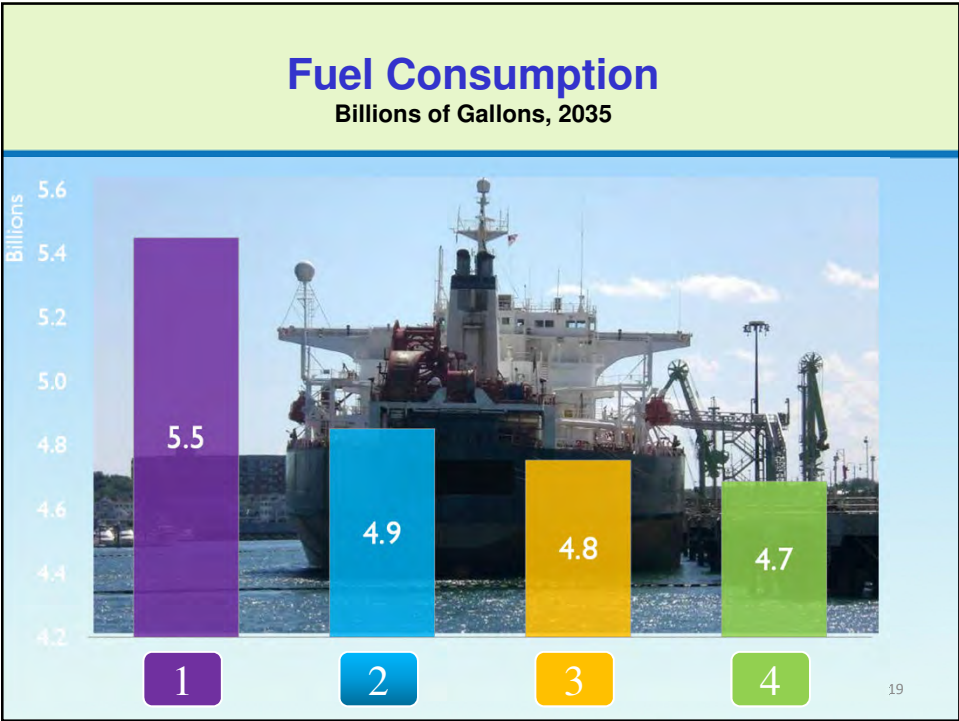
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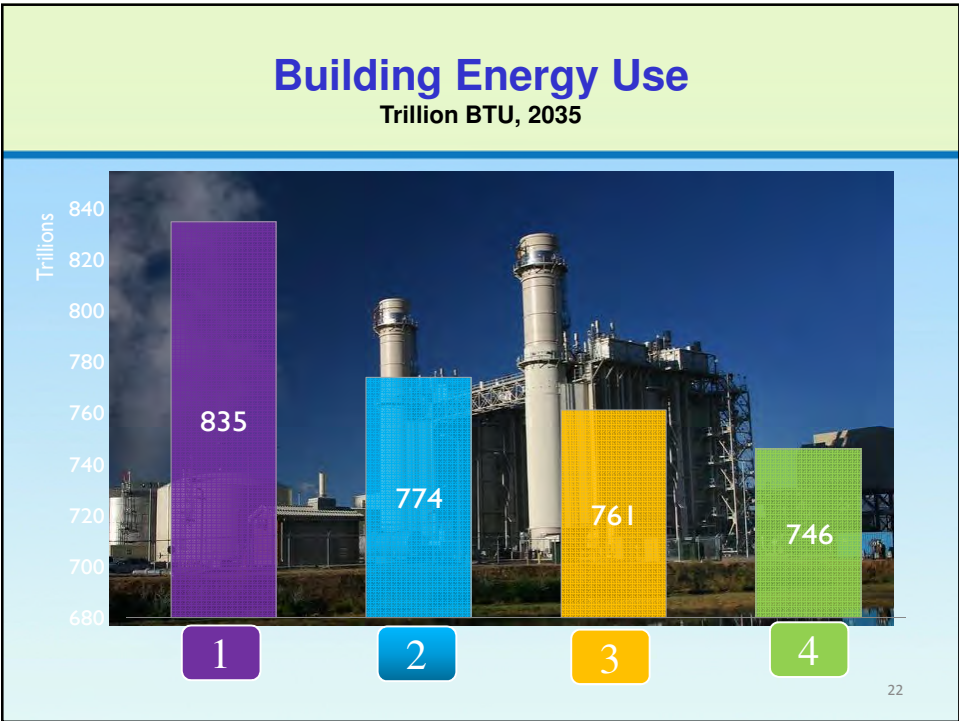
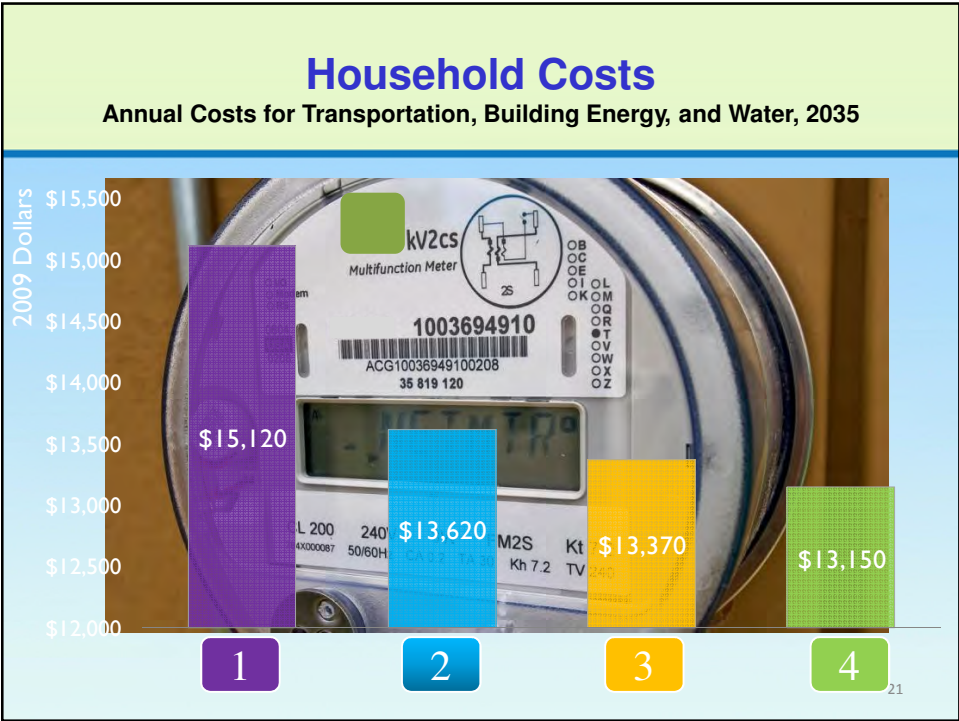
## Vehicle Miles Traveled

Annual per household, 2035

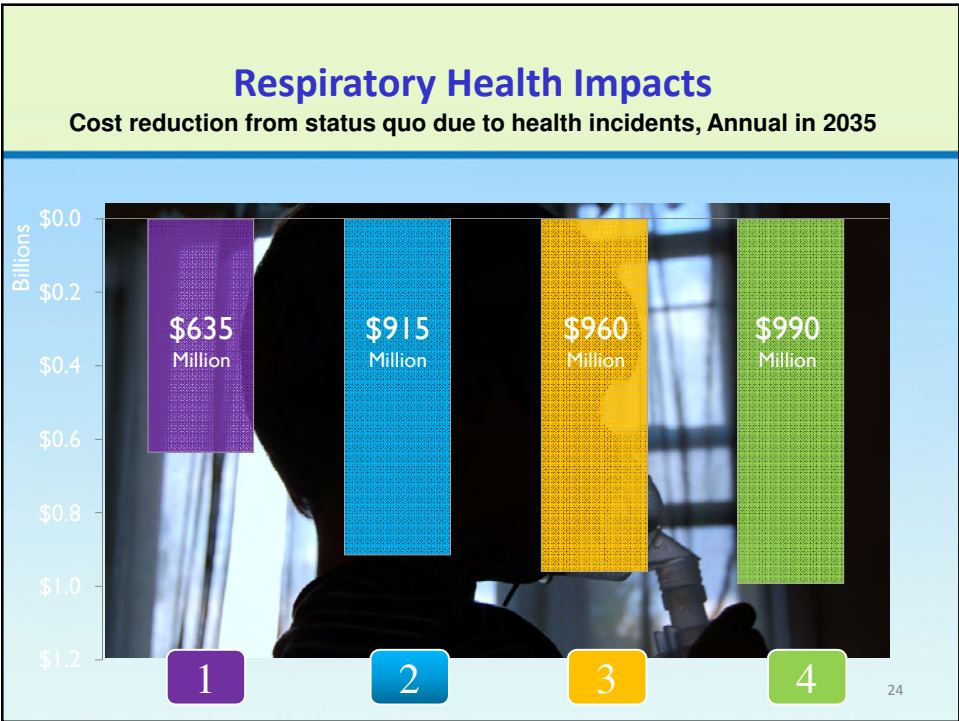
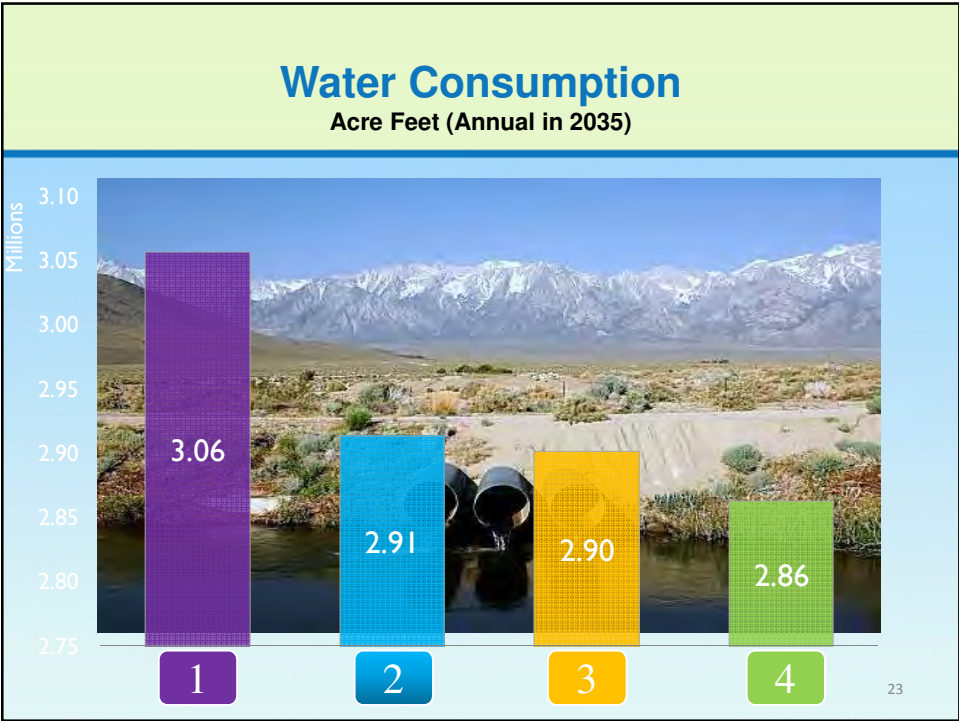


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## **Scenario Planning Lessons/ Potential Improvements**

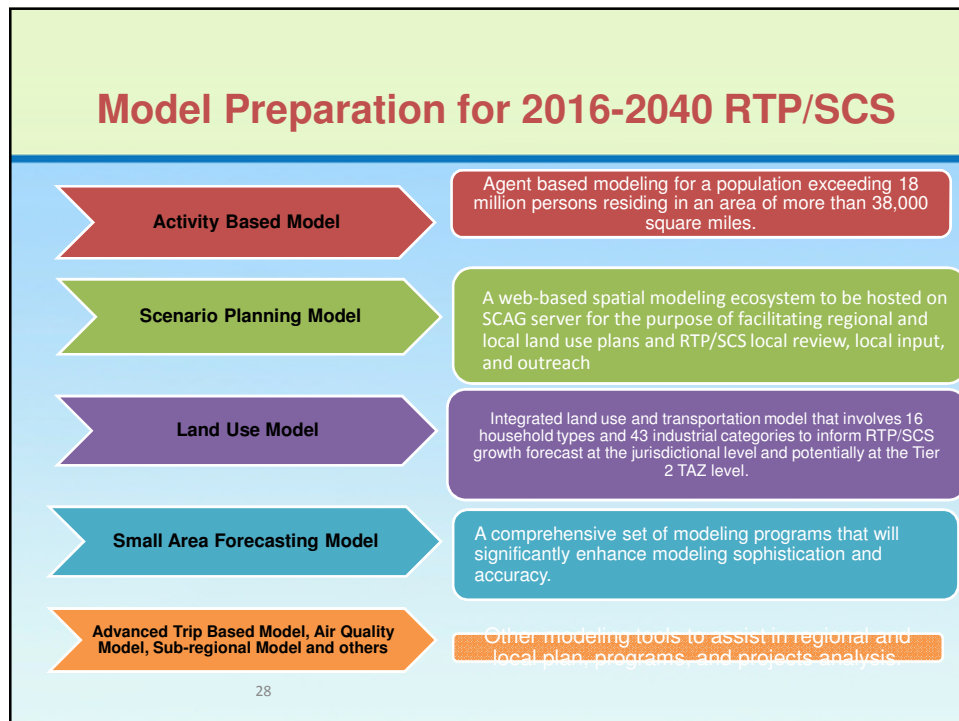
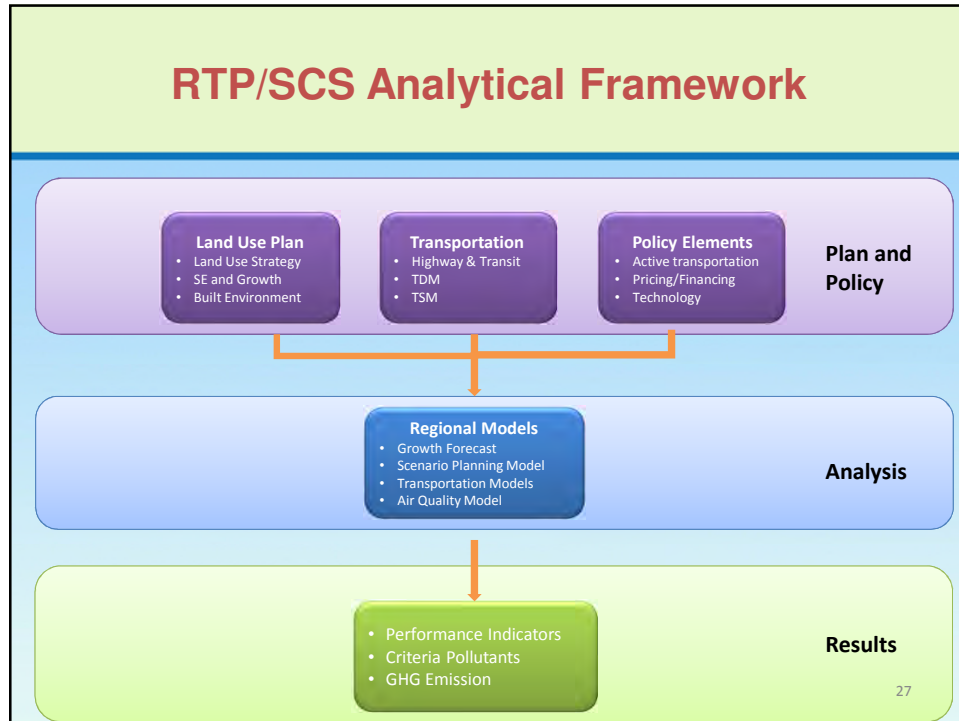
- Detailed review of SCS land uses
- CEQA Streamlining/Project Consistency
- Priority Development Areas or other land use policy scheme?
- Local Planning Uses

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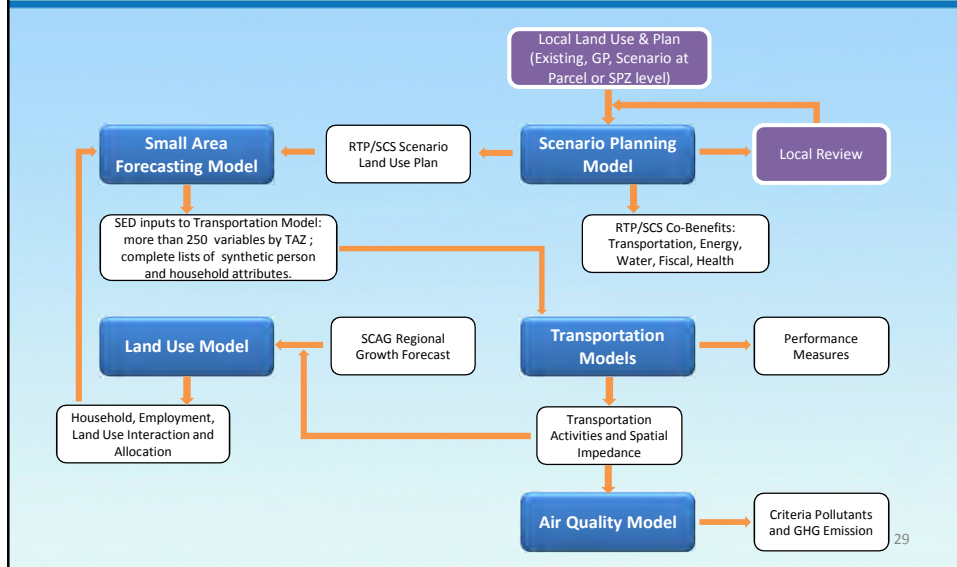
## **RTP/SCS Scenario Analysis**

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## Modeling System and Integration



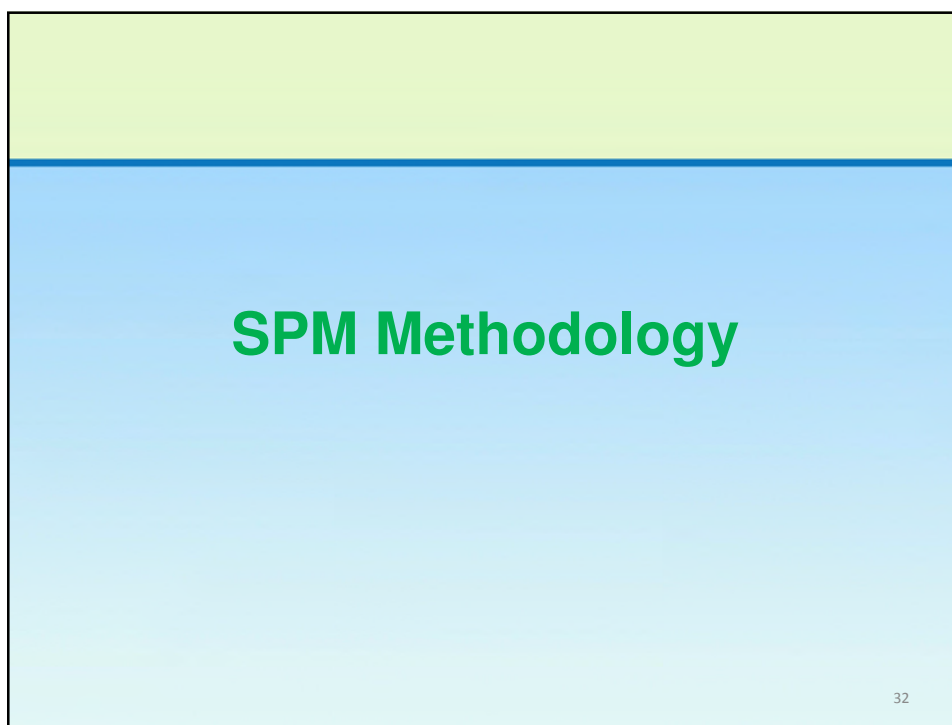
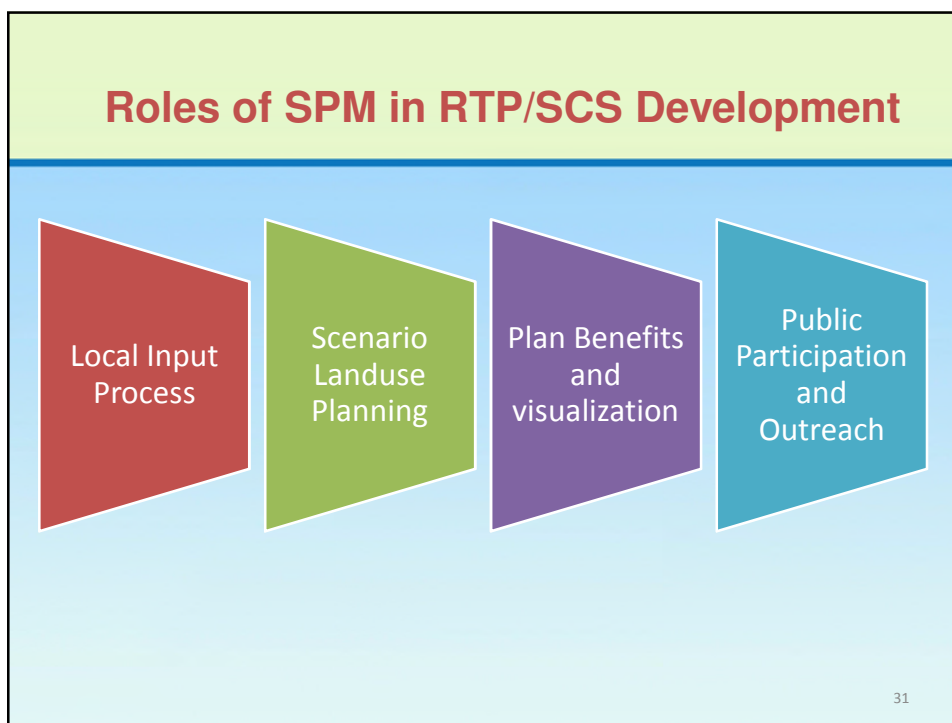
## Scenario Planning Model Essential SPM Development Objectives

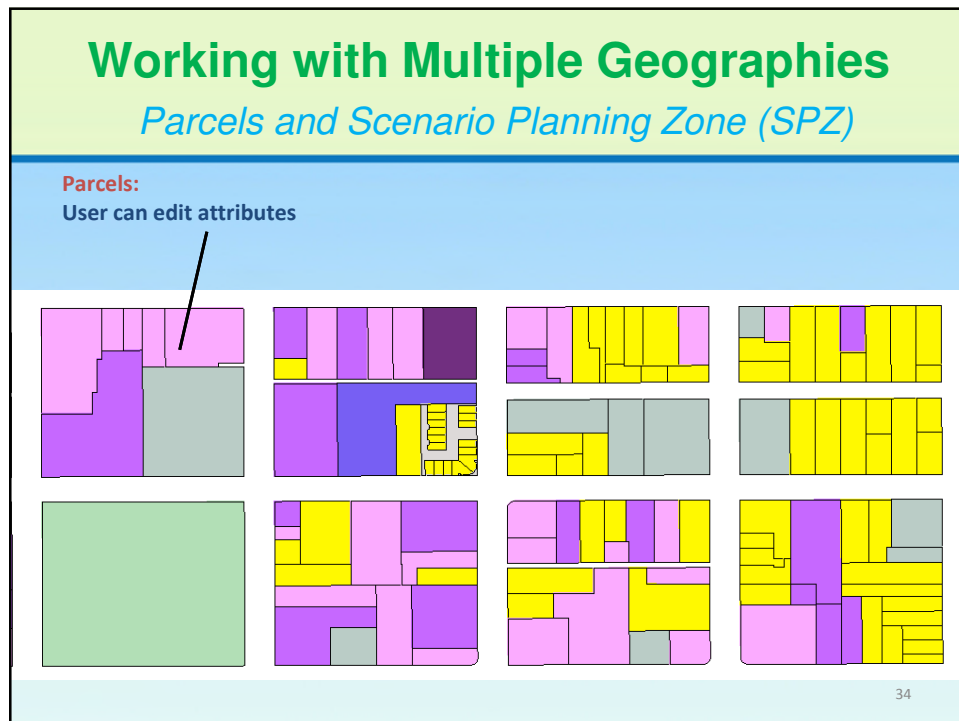
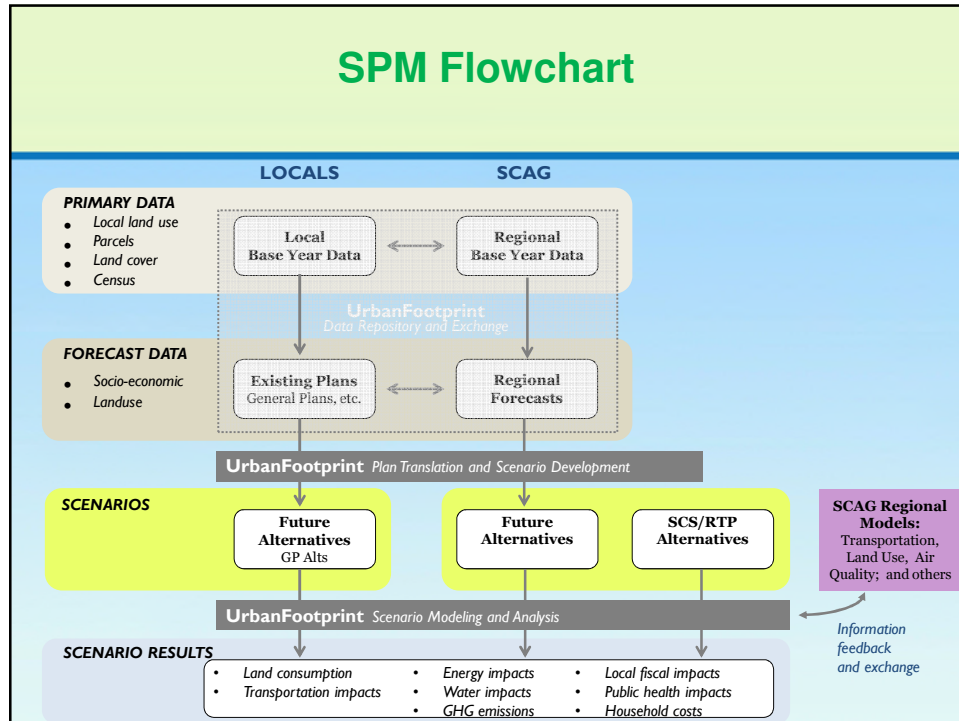
Common platform for plan collaboration and data exchange

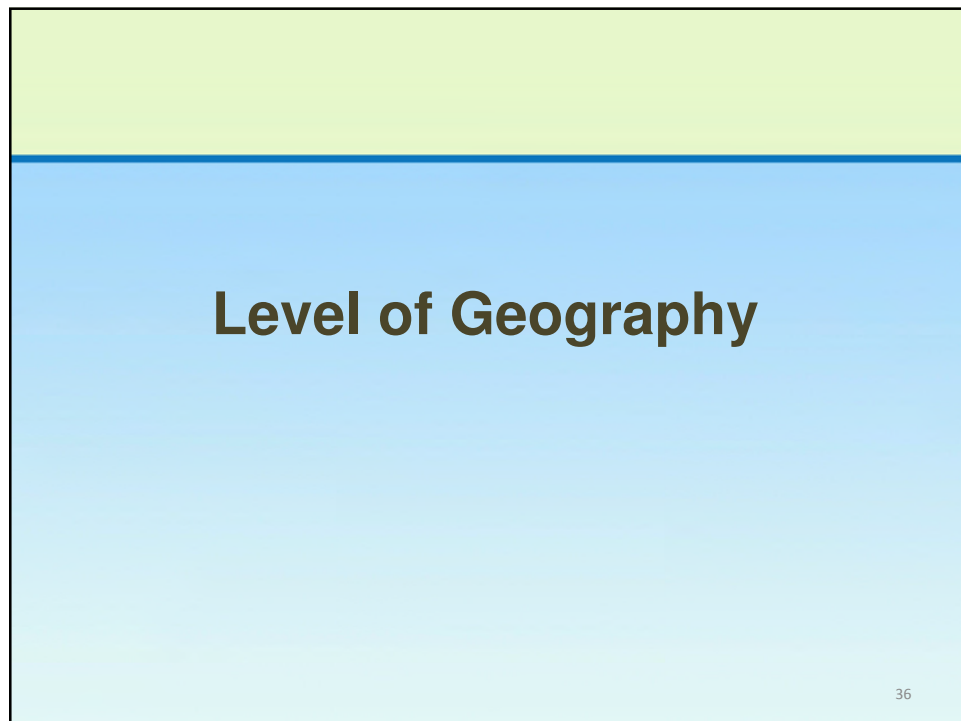
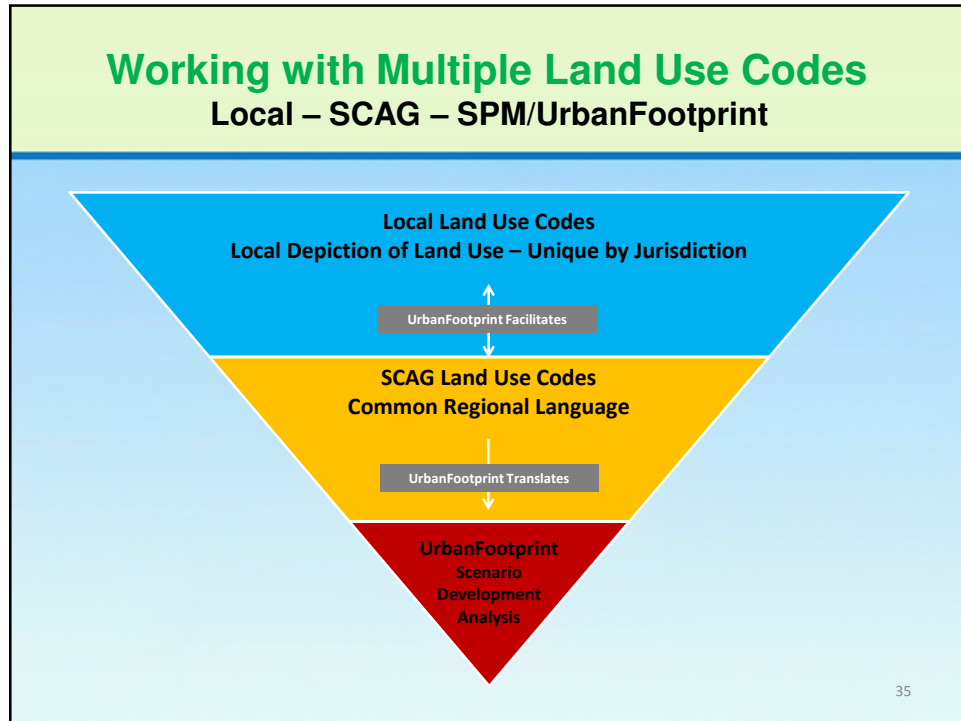
- A web based tool that provides planners with easy access to high quality geospatial data resources;
- allows users to easily review, revise, and create local data and plans such as zoning, open space, general plan and scenario plan.

Scenario planning and analysis model

- Provides the regional and local users the quick response capability to create plans and analyze their impacts on transportation, environment, natural and fiscal resource, and public health.



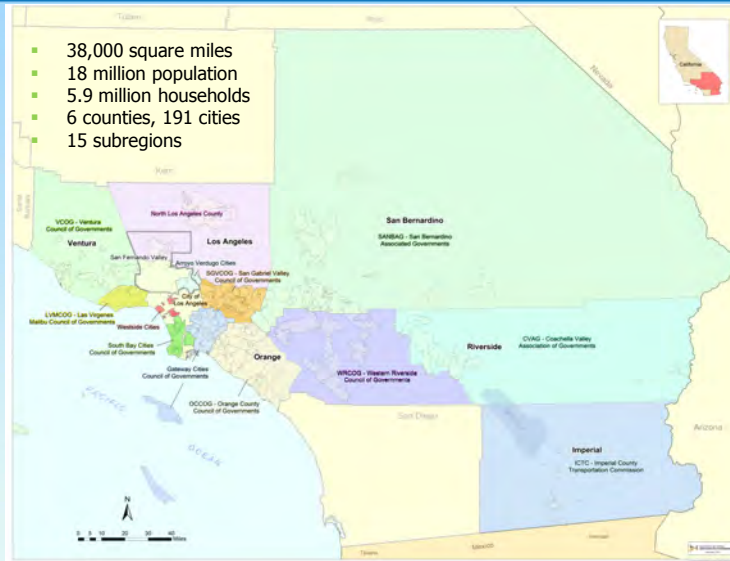






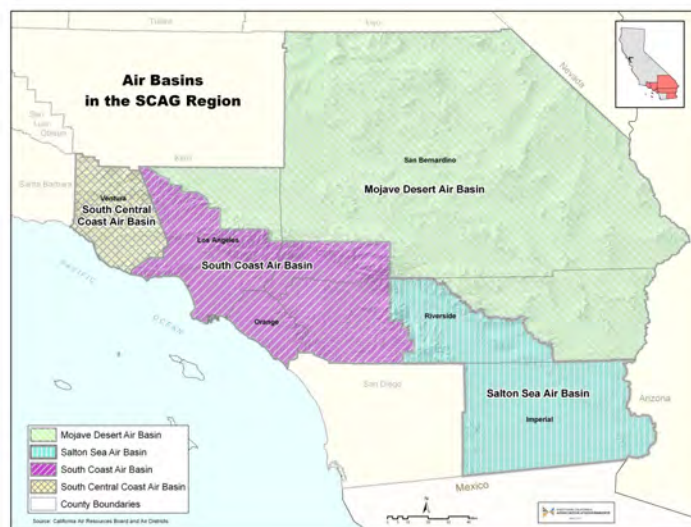
## SCAG Region

- 38,000 square miles
- 18 million population
- 5.9 million households
- 6 counties, 191 cities
- 15 subregions



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## SCAG Air Basins

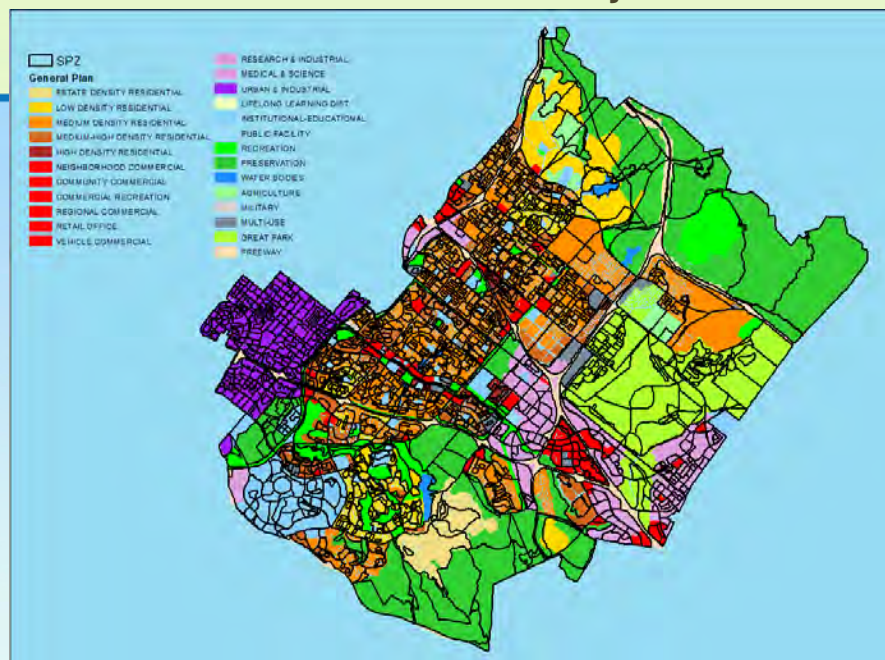


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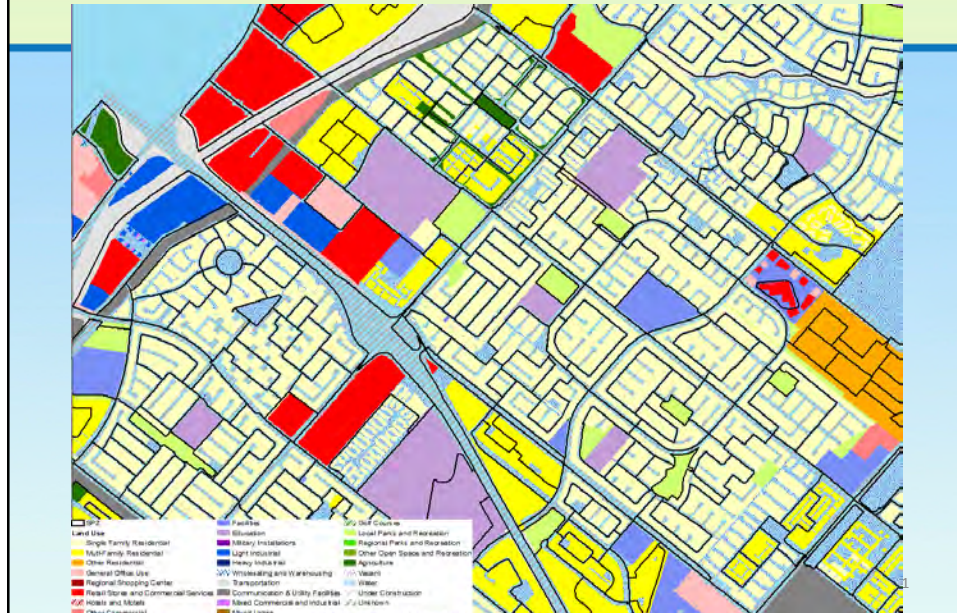
## Summary of Geo Statistics

Modeling Area	Parcels (2012)	SPZ	Tier2 TAZ	Tier1 TAZ	CSA	RSA	2010 Census Tract	2010 Census Block
Imperial	85,929	8,720	239	110	15	1	31	8,875
Los Angeles	2,092,550	135,580	5,697	2,243	155	21	2,343	109,468
Orange	661,047	35,870	1,741	666	43	10	582	36,842
Riverside	810,948	47,150	1,532	478	38	11	453	35,718
San Bernardino	804,529	61,240	1,395	402	34	7	369	48,176
Ventura	252,601	13,010	663	210	17	6	173	14,811
<b>Total</b>	<b>4,707,604</b>	<b>301,570</b>	<b>11,267</b>	<b>4,109</b>	<b>302</b>	<b>56</b>	<b>3,951</b>	<b>253,890</b>

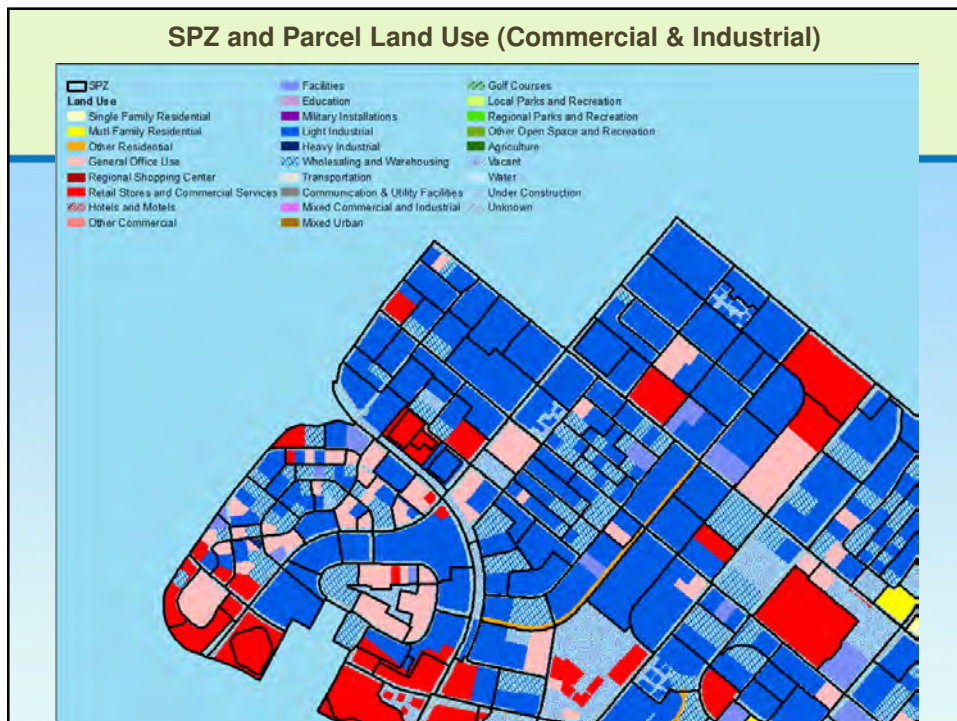
## SPZ and General Plan: City of Irvine



## SPZ and Parcel Land Use (Residential)

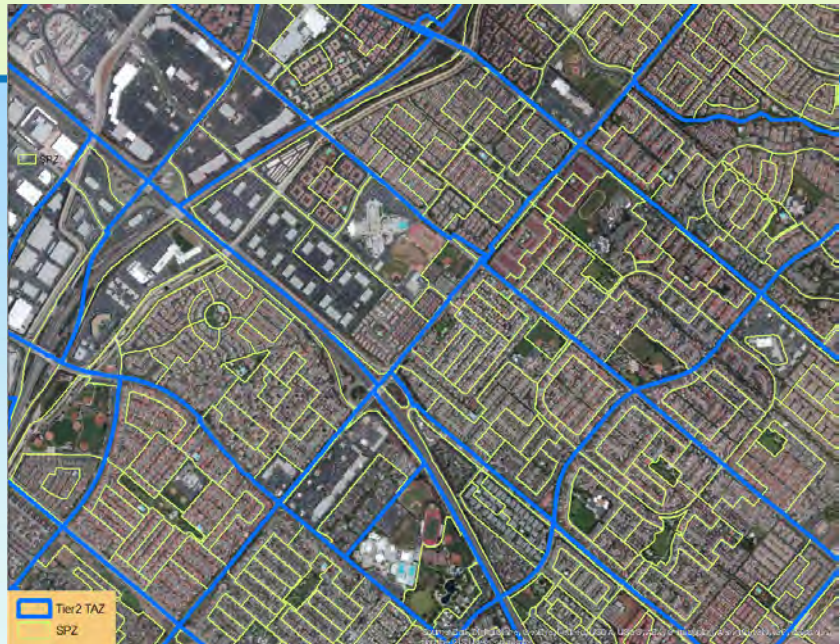


## SPZ and Parcel Land Use (Commercial & Industrial)





### SPZ, Tier2 TAZ and Land Use (Residential)



### SPZ, Tier2 TAZ and Land Use (Industrial)



# Thank You

